| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|----------|------|--|---|---------------------|---------|------------------|
| L1 | 3339 | amplifier near5 (shift\$4 or chang\$4 or switch\$4) near (off or on) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/13 08:47 |
| L2 | 6374 | 250/214A,214R;327/514;330/308. ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/13 08:47 |
| L3 | 2627 | 250/214.1.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/13 08:47 |
| L4 | 8666 | L2 or L3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/13 08:47 |
| L5 | 19 | L1 and L4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/13 09:04 |
| L6 | 1139 | 250/214AL,214B,214LS.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/13 09:55 |
| L7 | 4452 | (power near (consumption or efficiency or management)) and (amplifier with (activat\$3 or switch\$3 or chang\$3 or turn\$3 or shift\$3) near (on or off or state)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/13 11:12 |
| L8 | 187 | L7 and photodiode | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/13 13:01 |

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|-----|-----|---|---|----|----|------------------|
| L9 | 71 | L8 and trigger\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/13 10:32 |
| L10 | 981 | (amplifier with (activat\$3 or switch\$3 or chang\$3 or turn\$3 or shift\$3) near (on or off or state)) and photodiode | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/13 11:12 |
| L11 | 18 | L6 and L10 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/13 11:12 |
| L12 | 116 | L8 not L9 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/13 15:59 |
| L13 | 2 | "6081558".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/13 16:02 |
| L14 | 2 | "5892540".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/13 16:02 |

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|----------|--------|---|---|---------------------|---------|------------------|
| S1 | 2 | "20050051704".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/12 13:55 |
| S2 | 565811 | toshiba.as. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/12 13:55 |
| S3 | 826215 | amplifier | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/12 13:57 |
| S4 | 21095 | arithmetic near circuit | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/12 13:57 |
| S5 | 169 | S2 and S3 and S4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/12 14:34 |
| S6 | 2 | "photodiode current arithmetic circuit" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/12 14:13 |
| S7 | 12 | kashiura-yukiko\$.in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/12 15:04 |
| S8 | . 32 | suzunaga-hiroshi\$.in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/12 15:00 |

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|-----|---------|---|---|----|------|------------------|
| S9 | 2 | jp-2002217448\$.did. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/12 15:04 |
| S10 | 6374 | 250/214A,214R;327/514;330/308. ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/12 15:06 |
| S11 | 2882 | S10 and S3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON . | 2005/07/12 15:06 |
| S12 | 8069482 | operat\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/12 15:08 |
| S13 | 2453 | S11 and S12 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/12 15:09 |
| S14 | 57818 | trigger\$ near signal | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/12 15:10 |
| S15 | 88368 | photodiode | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/12 15:10 |
| S16 | 25 | S13 and S14 and S15 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/12 15:27 |

| S17 | 122898 | standby or stand-by | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/12 15:28 |
|-----|--------|-------------------------------------|---|---------|----|------------------|
| S18 | 22 | S10 and S3 and S15 and S17 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/12 15:44 |
| S19 | 68 | S3 and S15 and S17 and S12 and S14 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/12 16:18 |
| S20 | 414 | state near (trigger\$3 near signal) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/12 16:19 |
| S21 | 0 | S3 and S15 and S17 and S20 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/12 16:20 |
| S22 | | S3 and S15 and S20 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/12 16:20 |
| S23 | 11417 | state same (trigger\$3 near signal) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/12 16:19 |
| S24 | 206 | S3 and S15 and S23 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR · | ON | 2005/07/12 16:35 |

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|-------|--------|--|---|------|------|------------------|
| S25 | 193370 | (shift\$4 or chang\$4 or switch\$4) near state | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR . | ON | 2005/07/12 16:46 |
| S26 - | 274 | S3 and S15 and S14 and S25 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/12 16:35 |
| S27 | 348 | amplifier near (shift\$4 or chang\$4 or switch\$4) near state | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/12 16:53 |
| S28 | | S27 and S15 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/12 16:53 |
| S29 | 2866 | amplifier near5 (shift\$4 or chang\$4 or switch\$4) near state | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR . | ON | 2005/07/13 08:46 |
| S30 | 111 | S15 and S29 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/12 17:00 |
| S31 | 11 | S30 and S14 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/12 16:57 |
| S32 | 2627 | 250/214.1.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON . | 2005/07/12 17:00 |

| S33 | 0 | S32 and S15 and S29 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/12 17:01 |
|-----|----|----------------------------|---|----|----|------------------|
| S34 | 1 | S32 and S29 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/12 17:01 |
| S35 | 11 | S32 and S15 and S25 and S3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/12 17:01 |